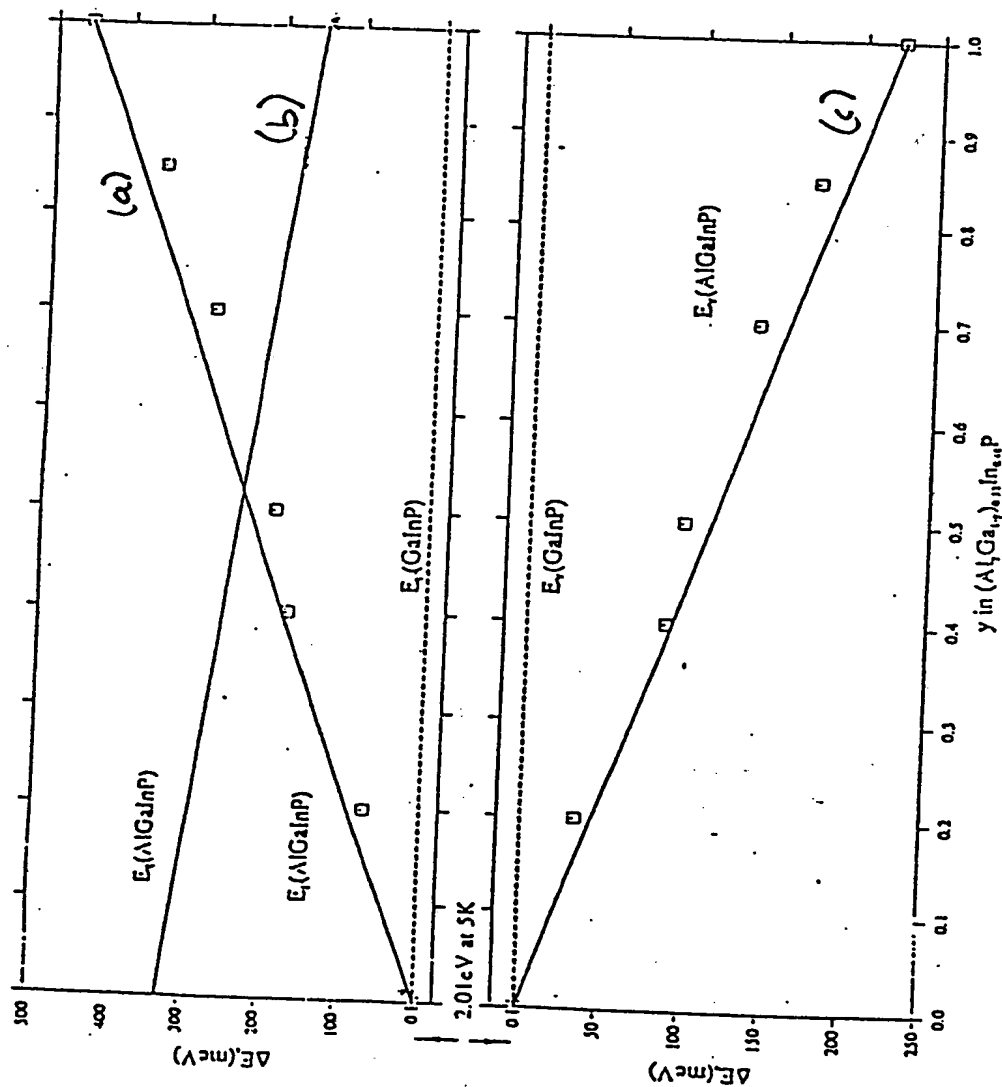


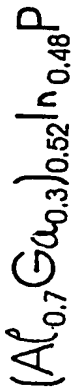
Fig 1

Related Art

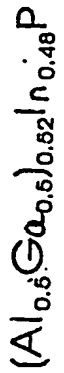


A diagram of the variation of the $Ga_{0.52}In_{0.48}P/(AlGa)InP$ heterobarrier height (meV) as a function of aluminium mole fraction in the quaternary alloy assuming a 70:30 band offset ratio.

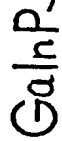
N-CLADDING
REGION



2



50 meV



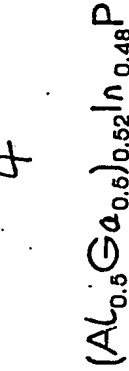
3

CB
DX

X

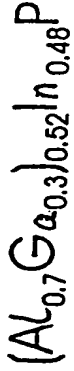
VB

P-CLADDING
REGION



4

200 meV



50 meV

X

FIG. 2

Related Art

5



2/17

Fig.3 Related Art



3/17

